Republic of Bulgaria
Executive Agency
Bulgarian Accreditation Service

Signatory to the EA Multilateral Agreement in this field

ORDER

№ A 362

Sofia, 30.08.2023

Pursuant to Art. 10, para. 1, item 4, Art. 28, para. 1, Art. 30, para. 1, of the Law on National Accreditation of Conformity Assessment Bodies, and item 6 of the BAS QR 2 Accreditation Procedure, in connecton with an open procedure reg. № 3/20 ЛИ/ПА/РО/06.02.2023, report reg. № 3/20 ЛИ/7/В/01.06.2023, annex reg. № 3/20 ЛИ/ПА/РО/9/В/07.07.2023, and statement of the Accreditation Commission reg. № А 3/20 ЛИ/ПА/РО/10/В/31.07.2023, I hereby

RE-ACCREDIT AND EXTEND THE SCOPE OF ACCREDITATION

Laboratory of Radioecology and Radioisotope Research

at Institute of Soil Science, Agrotechnologies and Plant Protection Nikola Pushkarov, Sofia

Management and laboratory address:
1080 Sofia, 7 Shose Bankya Str.

To perform testing of:

Type of the scope: *flexible for a part of the scope**			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard / validated method)**
1	**2**	**3**	**4**
1.	Soil, bottom sediments.	1.1. Content of gamma radionuclides	VLM 1/2009
		1.2. Content of strontium-90	VLM 2/2009
		1.3. Content of plutonium	VLM 3/2009
		1.4. Content of uranium	VLM 4/2009
2.	Plant specimens	2.1. Content of gamma radionuclides	VLM 1/2009
		2.2. Content of strontium-90	VLM 2/2009
		2.3. Content of plutonium	VLM 3/2009
		2.4. Content of uranium	VLM 4/2009
3.	Water	3.1. Content of gamma radionuclides	VLM 1/2009
		3.2. Content of strontium-90	VLM 2/2009
		3.3. Content of tritium	VLM 5/2003
		3.4. Content of uranium	VLM 4/2009

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Type of the scope: *flexible for a part of the scope**			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard / validated method)**
1	**2**	**3**	**4**
		3.5. Content of natural uranium	VLM 6/2014
		3.6. Total beta activity	БДС EN ISO 9697
		3.7. Total alpha activity	БДС EN ISO 9696
		3.8. Content of polonium-210	БДС EN ISO 13161
4.	Food and food products.	4.1. Content of gamma radionuclides	VLM 1/2009
		4.2. Content of strontium-90	VLM 2/2009
5.	Waste (liquid, solid, sludge, sediments)	5.1. Content of gamma radionuclides	VLM 1/2009

To perform sampling of:

Type of the scope: *flexible**		
№	**Products**	**Sempling methods (standardized/validated)**
1	**2**	**3**
1.	Soils	БДС 17.4.5.01 Environtment protection. Soil. General requirements for sampling.

Flexible scope:

Implementing a new version of standards/documents or standards / documents replacing them is allowed. An updated list of standards/documents and their dated versions is provided by laboratory.

Fixed scope references:

1. VLM 1/2009 Validated laboratory methodology for Low-background determination of natural and technogenic gamma-radionuclides in soils, bottom sludge, waste, water and other agricultural sites.
2. VLM 2/2009 Validated laboratory methodology for Radiochemical determination of strontium-90 in soil, water, plants, food and food products.
3. VLM 3/2009 Validated laboratory methodology for Radiochemical determination of plutonium in soil, water, plants, food and food products.
4. VLM 4/2009 Validated laboratory methodology for Radiochemical determination of uranium in soil, water, plants, food and food products.
5. VLM 5/2003 Validated laboratory methodology for Determination of tritium in water samples.
6. VLM 6/2014 Validated laboratory methodology for Spectrophotometric determination of natural uranium in water and soil.

I ORDER

To issue the certificate of accreditation reg. № 20 ЛИ/30.08.2023, valid until 30.08.2027, and this order as an integral part of it.

The certificate of accreditation with the enclosure to be received by the Manager / representative of the Institute of Soil Science, Agrotechnologies and Plant Protection Nikola Pushkarov, Sofia, the head of the Laboratory of Radioecology and radioisotope research, or other authorized person in the office of EA BAS.

Upon receipt of the certificate and the enclosure issued, the accredited person is obliged to return to EA BAS the originals of accreditation certificate reg. № 20 ЛИ/13.12.2021, valid until 30.08.2023 and an enclosure – EA BAS order reg. № А 790/13.12.2021, as an integral part of it.

This order shall be notified to Institute of Soil Science, Agrotechnologies and Plant Protection Nikola Pushkarov, Sofia, within 3 (three) days from its issuance.

Eng. Irena Borislavova

Executive Director of EA BAS